

TOBACCO INSTITUTE TESTING LABORATORY
PER CIGARETTE
AND
PER PUFF DATA
MARKET SAMPLE NO. 16

PM3000764338

PER CIGARETTE DATA

PM3000764339

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm.</u>
Alpine	\bar{x}	7.9±0.1	16.3±0.4	2.1±0.1	29
king size,	s	0.2	0.9	0.3	
filter menthol	CV	3.1	5.3	14.3	
Alpine	\bar{x}	8.1±0.1	19.5±0.4	3.2±0.2	34
100 mm.	s	0.3	0.9	0.4	
filter menthol	CV	3.9	4.7	11.9	
Belair	\bar{x}	7.5±0.1	18.4±0.2	2.9±0.1	28-29-30
king size,	s	0.2	0.5	0.2	
filter menthol	CV	2.2	2.9	8.4	
Belair	\bar{x}	8.8±0.1	20.2±0.4	2.5±0.1	35-36
100 mm.	s	0.3	1.0	0.3	
filter menthol	CV	3.8	4.7	12.3	
Benson & Hedges	\bar{x}	6.2±0.1	12.0±0.6	2.3±0.2	26-27-28
regular size,	s	0.2	1.3	0.4	
filter	CV	3.1	11.3	17.9	
Benson & Hedges	\bar{x}	8.0±0.1	19.6±0.4	2.7±0.1	32-33-34
king size,	s	0.2	0.8	0.3	
filter	CV	3.0	4.3	10.8	
Benson & Hedges	\bar{x}	8.7±0.1	20.5±0.3	2.5±0.1	35-36
100 mm.	s	0.3	0.7	0.3	
filter	CV	2.9	3.5	10.4	
Benson & Hedges	\bar{x}	8.8±0.1	20.6±0.4	2.6±0.1	35-36
100 mm.	s	0.3	0.9	0.3	
filter menthol	CV	2.9	4.5	11.0	

<u>BRAND</u>		<u>Nicotine mg/cigt.</u>	<u>F.T.C. "Tar" mg/cigt.</u>
Alpine king size, filter menthol	\bar{x}	0.85±0.02	13.4±0.3
	s	0.04	0.6
	CV	4.5	4.8
Alpine 100 mm. filter menthol	\bar{x}	0.93±0.02	15.4±0.4
	s	0.04	0.8
	CV	4.0	5.3
Belair king size, filter menthol	\bar{x}	1.08±0.01	14.5±0.2
	s	0.03	0.4
	CV	2.9	2.6
Belair 100 mm. filter menthol	\bar{x}	1.22±0.02	16.5±0.3
	s	0.05	0.7
	CV	4.4	4.4
Benson & Hedges regular size, filter	\bar{x}	0.58±0.03	9.0±0.4
	s	0.06	1.0
	CV	10.0	10.6
Benson & Hedges king size, filter	\bar{x}	1.18±0.02	15.8±0.3
	s	0.05	0.6
	CV	4.2	3.6
Benson & Hedges 100 mm. filter	\bar{x}	1.13±0.02	16.9±0.3
	s	0.05	0.6
	CV	4.2	3.5
Benson & Hedges 100 mm. filter menthol	\bar{x}	1.14±0.02	16.9±0.3
	s	0.04	0.7
	CV	3.4	4.0

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cigt.</u>	<u>Water in TPM mg/cigt.</u>	<u>Butt Length-mm,</u>
Bull Durham	\bar{x}	10.5±0.1	37.0±0.6	6.7±0.2	27-28
king size, filter	s	0.2	1.4	0.5	
	CV	2.0	3.9	7.4	
Camel	\bar{x}	7.9±0.1	31.1±0.3	4.5±0.1	23
regular size, non-filter	s	0.3	0.8	0.3	
	CV	3.5	2.5	6.9	
Camel	\bar{x}	9.0±0.1	24.8±0.5	4.5±0.2	27-28-29
king size, filter	s	0.3	1.2	0.5	
	CV	3.4	4.8	11.8	
Carlton 70's	\bar{x}	6.6±0.1	2.9±0.2	0.3±0.1	33
regular size, filter	s	0.3	0.4	0.2	
	CV	4.1	12.9	60.6	
Carlton	\bar{x}	8.9±0.1	5.3±0.2	0.5±0.1	33-34
king size, filter	s	0.3	0.5	0.2	
	CV	3.3	10.4	44.2	
Carlton	\bar{x}	8.6±0.2	4.6±0.2	0.4±0.1	33-34.
king size, filter menthol	s	0.4	0.4	0.1	
	CV	5.2	9.8	30.2	
Chesterfield	\bar{x}	7.6±0.1	31.5±0.6	4.8±0.2	23
regular size, non-filter	s	0.2	1.3	0.4	
	CV	2.7	4.2	8.3	
Chesterfield	\bar{x}	9.6±0.1	35.1±0.8	4.9±0.3	23
king size, non-filter	s	0.3	1.9	0.6	
	CV	3.1	5.3	12.1	

<u>BRAND</u>		<u>Nicotine mg/cigt.</u>	<u>F.T.C. "Tar"</u> <u>mg/cigt.</u>
Bull Durham	\bar{x}	1.84±0.04	28.5±0.5
king size, filter	s	0.09	1.0
	CV	5.0	3.6
Camel	\bar{x}	1.75±0.03	24.8±0.2
regular size,	s	0.06	0.6
non-filter	CV	3.5	2.2
Camel	\bar{x}	1.34±0.03	19.0±0.3
king size, filter	s	0.06	0.7
	CV	4.6	3.9
Carlton 70's	\bar{x}	0.21±0.01	2.3±0.2
regular size,	s	0.02	0.3
filter	CV	9.7	13.7
Carlton	\bar{x}	0.36±0.02	4.4±0.3
king size, filter	s	0.03	0.6
	CV	9.4	13.5
Carlton	\bar{x}	0.33±0.01	3.9±0.2
king size, filter menthol	s	0.03	0.4
	CV	9.0	9.8
Chesterfield	\bar{x}	1.52±0.03	25.1±0.4
regular size,	s	0.07	1.0
non-filter	CV	4.5	3.9
Chesterfield	\bar{x}	1.75±0.04	28.5±0.6
king size, non-filter	s	0.09	1.4
	CV	5.0	4.7

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm.</u>
Chesterfield	\bar{x}	8.2±0.1	23.7±0.4	4.5±0.2	26-27-28
king size, filter	s	0.2	1.0	0.4	
	CV	2.9	4.2	9.0	
Chesterfield	\bar{x}	8.3±0.1	23.5±0.5	4.5±0.2	26-27-28
king size, filter menthol	s	0.2	1.0	0.5	
	CV	2.6	4.4	10.9	
Chesterfield	\bar{x}	9.5±0.1	24.0±0.5	3.3±0.2	33-34
100 mm. filter	s	0.2	1.0	0.4	
	CV	2.6	4.3	11.0	
Domino	\bar{x}	10.1±0.3	34.6±0.9	5.1±0.2	23
king size, non-filter	s	0.6	2.0	0.4	
	CV	6.2	5.8	8.6	
Domino	\bar{x}	9.6±0.2	29.7±0.9	5.9±0.3	24-26-27-28
king size, filter	s	0.4	2.0	0.8	
	CV	4.7	6.6	13.2	
Doral	\bar{x}	8.9±0.2	17.6±0.4	2.4±0.1	32-33-34
king size, filter	s	0.3	1.0	0.3	
	CV	4.7	5.5	12.3	
Doral	\bar{x}	8.8±0.1	16.2±0.5	2.2±0.1	33-34
king size, filter menthol	s	0.3	0.7	0.3	
	CV	3.8	3.6	14.0	
Du Maurier	\bar{x}	8.3±0.1	19.2±0.3	2.9±0.1	28-29-30
king size, filter	s	0.3	0.7	0.3	
	CV	4.0	3.6	10.5	

<u>BRAND</u>	<u>Nicotine mg/cig.t.</u>			<u>F.T.C. "Tar" mg/cig.t.</u>
	<u>X</u>	<u>s</u>	<u>CV</u>	
Chesterfield king size, filter	1.25±0.02	0.05	4.0	17.9±0.3 0.6 3.6
Chesterfield king size, filter menthol	1.18±0.02	0.05	3.9	17.9±0.3 0.7 3.8
Chesterfield 100 mm. filter	1.41±0.03	0.06	4.0	19.3±0.3 0.8 3.9
Domino king size, non-filter	1.52±0.04	0.10	6.5	28.0±0.7 1.6 5.8
Domino king size, filter	1.22±0.05	0.12	9.5	22.6±0.6 1.4 6.3
Doral king size, filter	1.05±0.02	0.05	4.8	14.2±0.3 0.7 5.0
Doral king size, filter menthol	0.98±0.02	0.05	5.5	13.0±0.4 0.8 6.3
Du Maurier king size, filter	1.07±0.02	0.04	3.8	15.1±0.3 0.6 3.7

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm.</u>
English Ovals regular size, non-filter	\bar{x}	7.8±0.2	26.6±0.8	3.3±0.2	23
	s	0.4	1.7	0.4	
	CV	5.1	6.4	13.6	
English Ovals king size, non-filter	\bar{x}	10.6±0.2	34.9±0.6	4.0±0.1	23
	s	0.4	1.4	0.3	
	CV	4.0	4.0	7.7	
Eve 100 mm. filter	\bar{x}	9.1±0.2	23.1±0.4	3.3±0.1	33
	s	0.3	0.8	0.2	
	CV	3.7	5.7	6.7	
Eve 100 mm. filter menthol	\bar{x}	9.1±0.2	22.2±0.6	3.2±0.2	33-34
	s	0.3	1.3	0.4	
	CV	3.7	5.7	12.1	
Fatima king size, non-filter	\bar{x}	9.5±0.2	34.1±1.0	4.7±0.2	23
	s	0.4	2.3	0.5	
	CV	4.1	6.8	11.1	
Galaxy king size, filter	\bar{x}	7.3±0.2	18.3±0.5	2.5±0.1	29-32-33-34
	s	0.5	1.1	0.3	
	CV	6.7	6.0	10.9	
Half & Half king size, filter	\bar{x}	11.0±0.2	32.0±0.4	5.8±0.2	26-27-28
	s	0.4	0.9	0.5	
	CV	3.8	2.7	9.2	
Herbert Tareyton king size, non-filter	\bar{x}	9.9±0.2	36.0±0.7	5.0±0.1	23
	s	0.4	1.5	0.3	
	CV	4.2	4.1	5.3	

<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar" mg/cig.t.</u>
English Ovals regular size, non-filter	\bar{x}	1.67±0.04	21.6±0.5
	s	0.10	1.2
	CV	5.9	5.7
English Ovals king size, non-filter	\bar{x}	2.29±0.06	28.6±0.5
	s	0.14	1.0
	CV	6.0	3.7
Eve 100 mm. filter	\bar{x}	1.33±0.03	18.5±0.3
	s	0.06	0.7
	CV	4.5	3.7
Eve 100 mm. filter menthol	\bar{x}	1.21±0.03	17.7±0.4
	s	0.07	0.9
	CV	5.7	5.0
Fatima king size, non-filter	\bar{x}	1.73±0.04	27.6±0.8
	s	0.09	1.9
	CV	5.4	6.8
Galaxy king size, filter	\bar{x}	1.05±0.03	14.7±0.4
	s	0.07	0.8
	CV	6.3	5.7
Half & Half king size, filter	\bar{x}	1.84±0.03	24.4±0.2
	s	0.06	0.5
	CV	3.2	2.1
Herbert Tareyton king size, non-filter	\bar{x}	1.87±0.03	29.1±0.6
	s	0.06	1.3
	CV	3.4	4.6

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm.</u>
Home Run regular size, non-filter	\bar{x}	6.4±0.1	25.1±0.5	3.8±0.2	23
	s	0.3	1.1	0.5	
	CV	5.0	4.5	13.0	
Iceberg 100's 100 mm. filter menthol	\bar{x}	8.3±0.1	10.7±0.2	1.2±0.1	38-39
	s	0.2	0.5	0.2	
	CV	2.8	4.3	14.0	
Kent king size, filter (hard pack)	\bar{x}	7.4±0.1	18.9±0.4	3.5±0.1	27-28
	s	0.3	0.9	0.3	
	CV	4.3	4.8	9.0	
Kent king size, filter (soft pack)	\bar{x}	8.2±0.1	19.8±0.4	3.4±0.2	26-28-30
	s	0.3	1.0	0.4	
	CV	3.4	4.9	13.0	
Kent 100 mm. filter	\bar{x}	9.4±0.1	22.1±0.5	3.0±0.2	33-34
	s	0.2	1.1	0.4	
	CV	2.1	4.9	15.2	
Kent 100 mm. filter menthol	\bar{x}	9.2±0.1	21.9±0.4	3.1±0.2	33-34
	s	0.2	0.9	0.4	
	CV	2.7	4.0	12.3	
King Sano king-size, filter	\bar{x}	8.6±0.2	9.6±0.4	1.4±0.1	28-29
	s	0.4±0.0	0.9	0.3	
	CV	5.2	9.4	21.5	
King Sano king size, filter menthol	\bar{x}	8.5±0.2	8.8±0.4	1.1±0.1	28-29
	s	0.5	0.9	0.2	
	CV	5.6	10.5	19.6	

<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar" mg/cig.t.</u>
Home Run regular size, non-filter	\bar{x} s CV	1.69 ± 0.03 0.08 4.6	19.7 ± 0.3 0.7 3.7
Iceberg 100's 100 mm. filter menthol	\bar{x} s CV	0.66 ± 0.01 0.03 4.7	8.8 ± 0.1 0.3 3.6
Kent king size, filter (hard pack)	\bar{x} s CV	0.90 ± 0.02 0.04 4.5	14.5 ± 0.3 0.7 4.6
Kent king size, filter (soft pack)	\bar{x} s CV	0.99 ± 0.02 0.04 4.2	15.4 ± 0.2 0.5 3.6
Kent 100 mm. filter	\bar{x} s CV	1.17 ± 0.02 0.04 3.4	18.0 ± 0.3 0.7 3.7
Kent 100 mm. filter menthol	\bar{x} s CV	1.21 ± 0.02 0.05 3.9	17.6 ± 0.3 0.6 3.5
King Sano king size, filter	\bar{x} s CV	0.30 ± 0.01 0.02 7.4	7.9 ± 0.3 0.7 8.7
King Sano king size, filter menthol	\bar{x} s CV	0.30 ± 0.01 0.02 7.0	7.4 ± 0.3 0.8 10.2

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm.</u>
Kool regular size, non-filter menthol	\bar{x}	6.2±0.1	23.0±0.6	3.3±0.2	23
	s	0.2	1.2	0.4	
	CV	3.5	5.4	12.6	
Kool king size, filter menthol (hard pack)	\bar{x}	7.6±0.1	20.9±0.4	3.6±0.2	25-26-27
	s	0.3	1.0	0.4	
	CV	3.7	4.7	11.2	
Kool king size, filter menthol (soft pack)	\bar{x}	7.7±0.1	20.1±0.5	3.2±0.2	28-29-30
	s	0.3	1.0	0.3	
	CV	3.7	5.1	10.8	
Kool 100 mm. filter menthol	\bar{x}	9.0±0.2	21.1±0.4	2.8±0.2	35
	s	0.4	0.9	0.3	
	CV	4.7	4.5	12.1	
Kool Milds king size, filter menthol	\bar{x}	6.8±0.2	15.4±0.3	2.1±0.1	32-33-34
	s	0.5	0.6	0.2	
	CV	7.8	3.8	11.2	
L & M king size, filter (hard pack)	\bar{x}	7.3±0.1	22.6±0.7	4.5±0.3	27-28
	s	0.2	1.5	0.7	
	CV	3.4	6.8	14.8	
L & M king size, filter (soft pack)	\bar{x}	8.4±0.2	23.5±0.8	4.4±0.4	26-27-28
	s	0.4	1.8	1.0	
	CV	5.0	7.9	22.3	

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<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar" mg/cig.t.</u>
Kool regular size, non-filter menthol	\bar{x} s CV	1.23±0.03 0.07 5.4	18.5±0.4 1.0 5.4
Kool king size, filter menthol (hard pack)	\bar{x} s CV	1.26±0.03 0.06 4.7	16.0±0.3 0.7 4.1
Kool king size, filter menthol (soft pack)	\bar{x} s CV	1.26±0.03 0.07 5.3	15.7±0.3 0.7 4.6
Kool 100 mm. filter menthol	\bar{x} s CV	1.26±0.02 0.04 3.3	17.0±0.3 0.7 3.8
Kool Milds king size, filter menthol	\bar{x} s CV	0.83±0.02 0.04 4.9	12.5±0.2 0.5 3.7
L & M king size, filter (hard pack)	\bar{x} s CV	1.15±0.03 0.07 5.7	16.9±0.4 0.9 5.2
L & M king size, filter (soft pack)	\bar{x} s CV	1.23±0.03 0.07 5.4	17.8±0.5 1.1 6.2

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm.</u>
L & M 100 mm. filter	\bar{x}	9.5±0.1	24.4±0.4	3.3±0.2	32-33-34
	s	0.3	0.9	0.4	
	CV	3.0	3.6	10.9	
L & M 100 mm. filter menthol	\bar{x}	9.3±0.1	23.5±0.5	3.1±0.2	32-33-34
	s	0.3	1.0	0.4	
	CV	3.3	4.3	11.5	
Lark king size, filter	\bar{x}	8.0±0.1	22.5±0.4	3.9±0.2	28-29
	s	0.3	0.9	0.4	
	CV	3.2	3.9	9.7	
Lark 100 mm. filter	\bar{x}	9.2±0.2	24.2±0.5	3.8±0.1	30-31-32
	s	0.4	1.0	0.3	
	CV	4.5	4.3	7.7	
Lucky Strike regular size, non-filter	\bar{x}	8.4±0.1	35.7±0.7	5.5±0.4	23
	s	0.3	1.6	0.8	
	CV	3.0	4.4	15.1	
Lucky Ten king size, filter	\bar{x}	7.0±0.1	11.5±0.2	1.6±0.1	32-33-34-36
	s	0.2	0.5	0.2	
	CV	2.6	4.3	13.9	
Lucky 100's 100 mm. filter	\bar{x}	8.9±0.1	11.8±0.2	1.4±0.1	38
	s	0.3	0.4	0.1	
	CV	3.0	3.6	9.4	
Mapleton regular size, non-filter	\bar{x}	9.8±0.2	36.2±0.6	5.6±0.2	23
	s	0.4	1.2	0.5	
	CV	4.4	3.4	9.1	

<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar" mg/cig.t.</u>
L & M 100 mm. filter	\bar{x} s CV	1.40±0.02 0.05 3.5	19.6±0.3 0.6 2.9
L & M 100 mm. filter menthol	\bar{x} s CV	1.31±0.02 0.05 3.5	19.1±0.4 0.9 4.8
Lark king size, filter	\bar{x} s CV	1.18±0.02 0.05 4.4	17.4±0.3 0.6 3.3
Lark 100 mm. filter	\bar{x} s CV	1.31±0.02 0.05 3.5	19.1±0.4 0.9 4.5
Lucky Strike regular size, non-filter	\bar{x} s CV	1.75±0.03 0.07 4.1	28.5±0.5 1.0 3.5
Lucky Ten king size, filter	\bar{x} s CV	0.66±0.01 0.03 4.3	9.2±0.2 0.4 4.5
Lucky 100's 100 mm. filter	\bar{x} s CV	0.77±0.01 0.02 3.2	9.6±0.2 0.4 3.8
Mapleton regular size, non-filter	\bar{x} s CV	1.27±0.02 0.05 4.0	29.4±0.4 0.9 2.9

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cigts.</u>	<u>Water in TPM mg/cigts.</u>	<u>Butt Length-mm.</u>
Mapleton king size, filter	X	9.7±0.2	29.4±0.6	5.4±0.2	27-28-29
	s	0.4	1.3	0.5	
	CV	4.1	4.4	9.1	
Marlboro king size, filter (hard pack)	X	7.8±0.1	21.7±0.4	3.9±0.1	26
	s	0.2	0.9	0.3	
	CV	3.1	4.0	8.3	
Marlboro king size, filter (soft pack)	X	8.4±0.1	22.4±0.4	3.8±0.1	28-29
	s	0.3	1.0	0.3	
	CV	3.5	4.3	8.8	
Marlboro king size, filter menthol (hard pack)	X	7.4±0.1	16.2±0.4	2.6±0.2	26
	s	0.3	0.8	0.4	
	CV	3.5	5.1	16.1	
Marlboro king size filter menthol (soft pack)	X	7.8±0.1	17.2±0.4	2.4±0.1	29-30
	s	0.2	0.9	0.3	
	CV	3.2	5.0	11.7	
Marlboro 100 mm. filter (hard pack)	X	8.8±0.1	21.0±0.4	2.9±0.1	34
	s	0.3	0.9	0.3	
	CV	2.9	4.4	9.8	
Marlboro 100 mm. filter (soft pack)	X	9.1±0.1	20.9±0.4	2.7±0.2	34-35
	s	0.3	0.9	0.4	
	CV	3.0	4.5	14.4	

<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar" mg/cig.t</u>
Mapleton king size, filter	\bar{x}	1.15±0.04	22.8±0.4
	s	0.10	0.9
	CV	8.0	3.9
Marlboro king size, filter (hard pack)	\bar{x}	1.11±0.02	16.6±0.3
	s	0.04	0.6
	CV	3.9	3.6
Marlboro king size, filter (soft pack)	\bar{x}	1.16±0.02	17.5±0.3
	s	0.05	0.7
	CV	4.1	4.0
Marlboro king size, filter menthol (hard pack)	\bar{x}	0.79±0.02	12.8±0.3
	s	0.04	0.6
	CV	4.8	4.6
Marlboro king size, filter menthol (soft pack)	\bar{x}	0.88±0.02	13.9±0.3
	s	0.04	0.6
	CV	4.3	4.7
Marlboro 100 mm. filter (hard pack)	\bar{x}	1.15±0.02	16.9±0.3
	s	0.05	0.7
	CV	4.2	3.8
Marlboro 100 mm. filter (soft pack)	\bar{x}	1.16±0.02	17.1±0.3
	s	0.05	0.6
	CV	4.1	3.6

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm.</u>
Marlboro Lights king size, filter	\bar{x}	7.6±0.2	15.4±0.3	1.9±0.1	33-34
	s	0.4	0.7	0.2	
	CV	4.7	4.6	10.0	
Marvels king size, non-filter	\bar{x}	9.3±0.2	30.6±0.5	4.6±0.1	23
	s	0.4	1.1	0.3	
	CV	4.4	3.5	7.0	
Marvels king size, filter	\bar{x}	8.2±0.2	7.0±0.3	0.9±0.1	27-28
	s	0.4	0.7	0.2	
	CV	4.8	10.1	22.7	
Marvels king size, filter menthol	\bar{x}	8.1±0.2	5.6±0.2	0.7±0.1	24-25-26
	s	0.4	0.5	0.2	
	CV	4.6	9.5	28.5	
Miyako king size, filter	\bar{x}	8.1±0.1	19.3±0.3	3.9±0.2	28
	s	0.3	0.6	0.5	
	CV	3.9	3.4	12.1	
Montclair king size, filter menthol	\bar{x}	8.6±0.2	24.9±0.6	5.0±0.2	27
	s	0.4	1.3	0.5	
	CV	4.6	5.1	10.4	
More 120 mm. filter	\bar{x}	15.9±0.4	21.3±0.6	2.4±0.2	37
	s	0.8	1.4	0.4	
	CV	5.3	6.4	18.1	
More 120 mm. filter menthol	\bar{x}	14.9±0.4	21.2±0.7	2.4±0.3	37
	s	1.0	1.6	0.6	
	CV	6.5	7.3	23.7	

<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar" mg/cig.t.</u>
Marlboro Lights	\bar{x}	0.88±0.01	12.6±0.3
king size, filter	s	0.03	0.6
	CV	3.7	4.5
Marvels	\bar{x}	0.96±0.02	25.1±0.4
king size, non-filter	s	0.04	0.8
	CV	4.2	3.2
Marvels	\bar{x}	0.24±0.01	5.8±0.3
king size, filter	s	0.02	0.6
	CV	9.2	9.9
Marvels	\bar{x}	0.22±0.01	4.6±0.2
king size, filter menthol	s	0.02	0.4
	CV	9.4	9.5
Miyako	\bar{x}	0.92±0.01	14.4±0.2
king size, filter	s	0.03	0.4
	CV	3.5	2.8
Montclair	\bar{x}	1.41±0.03	18.5±0.4
king size, filter menthol	s	0.07	0.8
	CV	5.0	4.3
More 120 mm. filter	\bar{x}	1.50±0.03	17.4±0.4
	s	0.07	1.0
	CV	4.7	5.7
More 120 mm. filter menthol	\bar{x}	1.50±0.03	17.3±0.4
	s	0.08	1.0
	CV	5.1	5.6

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm.</u>
Multifilter king size, filter	\bar{x}	7.6±0.1	14.7±0.4	1.7±0.1	33
	s	0.3	0.9	0.2	
	CV	3.4	6.1	8.9	
Multifilter king size, filter menthol	\bar{x}	7.2±0.1	13.5±0.4	1.6±0.1	33
	s	0.3	0.8	0.2	
	CV	4.1	6.0	13.4	
Newport king size, filter menthol (hard pack)	\bar{x}	8.1±0.2	23.0±0.5	4.8±0.2	25
	s	0.4	1.1	0.5	
	CV	5.0	4.9	9.9	
Newport king size, filter menthol (soft pack)	\bar{x}	8.5±0.1	23.0±0.4	4.4±0.2	27
	s	0.2	0.9	0.5	
	CV	2.5	4.1	10.7	
Newport 100 mm. filter menthol	\bar{x}	9.9±0.1	26.6±0.5	4.1±0.1	33
	s	0.3	1.1	0.3	
	CV	2.7	4.2	7.1	
Oasis king size, filter menthol	\bar{x}	8.3±0.1	23.2±0.5	4.3±0.2	27
	s	0.2	1.0	0.5	
	CV	2.7	4.5	11.0	
Old Gold Straights regular size, non-filter	\bar{x}	6.7±0.2	24.7±0.5	3.8±0.2	23
	s	0.4	1.2	0.4	
	CV	5.6	4.9	10.9	
Old Gold Straights king size, non-filter	\bar{x}	8.7±0.1	30.0±0.5	4.3±0.2	23
	s	0.3	1.2	0.4	
	CV	3.7	4.1	10.3	

<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar" mg/cig.t.</u>
Multifilter king size, filter	\bar{x}	0.87±0.02	12.1±0.3
	s	0.05	0.7
	CV	6.3	5.9
Multifilter king size, filter menthol	\bar{x}	0.78±0.02	11.1±0.3
	s	0.05	0.6
	CV	6.3	5.7
Newport king size, filter menthol (hard pack)	\bar{x}	1.21±0.02	17.0±0.3
	s	0.05	0.7
	CV	4.0	4.1
Newport king size, filter menthol (soft pack)	\bar{x}	1.26±0.02	17.4±0.3
	s	0.05	0.6
	CV	4.3	3.4
Newport 100 mm. filter menthol	\bar{x}	1.55±0.03	21.0±0.4
	s	0.07	0.8
	CV	4.5	4.0
Oasis king size, filter menthol	\bar{x}	1.19±0.02	17.7±0.3
	s	0.05	0.7
	CV	4.5	4.1
Old Gold Straights regular size, non-filter	\bar{x}	1.23±0.03	19.7±0.4
	s	0.07	0.9
	CV	5.9	4.6
Old Gold Straights king size, non-filter	\bar{x}	1.51±0.02	24.2±0.4
	s	0.05	0.8
	CV	3.3	3.5

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm.</u>
Old Gold king size, filter (hard pack)	\bar{x}	7.9±0.2	23.1±0.7	5.1±0.3	27
	s	0.5	1.5	0.7	
	CV	5.8	6.6	13.1	
Old Gold Filter king size, filter (soft pack)	\bar{x}	8.3±0.2	23.2±0.4	4.5±0.2	28-29
	s	0.4	1.0	0.5	
	CV	4.7	4.3	11.7	
Old Gold 100's 100 mm. filter	\bar{x}	9.6±0.2	27.6±0.5	4.2±0.1	33-35
	s	0.3	1.1	0.3	
	CV	3.5	4.0	7.3	
Pall Mall king size, non-filter	\bar{x}	9.8±0.1	34.6±0.7	4.7±0.2	23
	s	0.2	1.5	0.5	
	CV	2.5	4.3	11.1	
Pall Mall Extra Mild king size, filter (hard pack)	\bar{x}	6.6±0.1	11.6±0.3	1.9±0.1	33
	s	0.3	0.7	0.2	
	CV	3.9	5.9	12.9	
Pall Mall Extra Mild king size, filter (soft pack)	\bar{x}	7.0±0.1	12.4±0.2	1.8±0.1	32-33
	s	0.2	0.5	0.3	
	CV	2.7	4.2	16.5	
Pall Mall 100 mm. filter	\bar{x}	10.6±0.2	25.2±0.4	3.5±0.2	33-35-36
	s	0.4	1.0	0.3	
	CV	4.1	4.0	9.6	
Pall Mall 100 mm. filter menthol	\bar{x}	9.0±0.1	20.9±0.4	2.9±0.2	33-35
	s	0.2	0.8	0.4	
	CV	2.7	3.8	13.7	

<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar" mg/cig.t.</u>
Old Gold	\bar{x}	1.28±0.03	16.7±0.4
king size, filter	s	0.06	0.9
(hard pack)	CV	4.8	5.6
Old Gold Filter	\bar{x}	1.13±0.02	17.6±0.3
king size, filter (soft pack)	s	0.05	0.6
	CV	4.3	3.6
Old Gold 100's 100 mm. filter	\bar{x}	1.46±0.03	21.9±0.4
	s	0.07	0.8
	CV	4.9	3.8
Pall Mall	\bar{x}	1.82±0.04	28.0±0.4
king size, non-filter	s	0.08	0.9
	CV	4.3	3.4
Pall Mall Extra Mild	\bar{x}	0.66±0.02	9.0±0.2
king size, filter	s	0.04	0.5
(hard pack)	CV	5.9	5.3
Pall Mall Extra Mild	\bar{x}	0.72±0.01	9.9±0.2
king size, filter	s	0.03	0.4
(soft pack)	CV	4.1	3.8
Pall Mall 100 mm. filter	\bar{x}	1.47±0.02	20.1±0.3
	s	0.04	0.7
	CV	2.9	3.5
Pall Mall 100 mm. filter menthol	\bar{x}	1.36±0.03	16.6±0.3
	s	0.07	0.6
	CV	5.3	3.4

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cigt.</u>	<u>Water in TPM mg/cigt.</u>	<u>Butt Length-mm.</u>
Parliament king size, filter (hard pack)	\bar{x}	6.9±0.2	17.3±0.4	2.7±0.1	31
	s	0.4	0.8	0.3	
	CV	5.2	4.9	10.7	
Parliament king size, filter (soft pack)	\bar{x}	7.1±0.1	17.5±0.4	2.6±0.2	32-33
	s	0.2	1.0	0.4	
	CV	3.4	5.6	16.0±	
Parliament 100's 100 mm. filter	\bar{x}	8.4±0.2	20.0±0.3	2.6±0.1	39-40
	s	0.4	0.7	0.2	
	CV	4.2	3.3	6.5	
Philip Morris regular size, non-filter	\bar{x}	6.8±0.1	24.8±0.6	3.5±0.2	23
	s	0.3	1.4	0.5	
	CV	4.4	5.5	13.5	
Philip Morris Commander king size, non-filter	\bar{x}	9.1±0.2	31.8±0.6	4.3±0.2	23
	s	0.4	1.4	0.4	
	CV	4.1	4.6	8.7	
Philip Morris International 100 mm. filter	\bar{x}	9.0±0.1	21.0±0.3	2.9±0.1	35-36
	s	0.2	0.7	0.3	
	CV	2.7	3.5	9.4	
Philip Morris International 100 mm. filter menthol	\bar{x}	8.6±0.2	20.2±0.3	2.8±0.1	35-36
	s	0.3	0.6	0.2	
	CV	4.0	3.2	8.3	

<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar" mg/cig.t.</u>
Parliament	\bar{x}	0.84±0.02	13.8±0.3
king size,	s	0.04	0.6
filter	CV	4.6	4.4
(hard pack)			
Parliament	\bar{x}	0.86±0.02	14.0±0.3
king size,	s	0.04	0.6
filter	CV	5.0	4.3
(soft pack)			
Parliament 100's	\bar{x}	1.06±0.02	16.3±0.3
100 mm.	s	0.05	0.6
filter	CV	4.3	3.6
Philip Morris	\bar{x}	1.20±0.03	20.2±0.4
regular size,	s	0.08	1.0
non-filter	CV	6.3	4.9
Philip Morris	\bar{x}	1.60±0.04	26.0±0.5
Commander	s	0.08	1.1
king size,non-filter	CV	5.1	4.2
Philip Morris	\bar{x}	1.13±0.01	17.0±0.2
International	s	0.03	0.5
100 mm.	CV	2.3	3.1
filter			
Philip Morris	\bar{x}	1.05±0.02	16.3±0.2
International	s	0.04	0.5
100 mm.	CV	3.5	3.0
filter menthol			

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm.</u>
Picayune regular size, non-filter	\bar{x}	6.6±0.1	25.5±0.6	3.9±0.2	23
	s	0.3	1.3	0.5	
	CV	4.1	5.0	12.1	
Piedmont regular size, non-filter	\bar{x}	7.5±0.1	31.3±0.7	5.0±0.3	23
	s	0.2	1.5	0.6	
	CV	2.9	4.8	12.6	
Players regular size, non-filter	\bar{x}	9.4±0.2	38.1±0.8	4.2±0.2	23
	s	0.4	1.7	0.4	
	CV	4.5	4.5	9.5	
Raleigh king size, non-filter	\bar{x}	8.4±0.2	29.2±0.9	3.7±0.2	23
	s	0.4	2.1	0.4	
	CV	4.2	7.2	11.7	
Raleigh king size, filter	\bar{x}	8.0±0.1	18.8±0.3	2.8±0.1	29
	s	0.3	0.7	0.3	
	CV	3.6	3.7	11.2	
Raleigh 100 mm. filter	\bar{x}	9.4±0.2	20.6±0.5	2.6±0.1	34-35-36
	s	0.4	1.1	0.3	
	CV	3.9	5.3	11.1	
Raleigh Extra Mild king size, filter	\bar{x}	7.7±0.1	17.0±0.5	2.3±0.1	32-33-34
	s	0.3	1.1	0.3	
	CV	4.3	6.2	14.2	
St. Moritz 100 mm. filter	\bar{x}	9.0±0.2	20.8±0.4	2.5±0.2	36-37
	s	0.4	0.9	0.3	
	CV	4.0	4.4	13.8	
St. Moritz 100 mm. filter menthol	\bar{x}	9.1±0.2	21.5±0.4	2.5±0.2	36-37
	s	0.4	0.9	0.3	
	CV	4.3	4.2	13.7	

<u>BRAND</u>		<u>Nicotine mg/cigts.</u>	<u>F.T.C. "Tar" mg/cigts.</u>
Picayune regular size, non-filter	\bar{x} s CV	1.68 ± 0.04 0.09 5.1	19.9 ± 0.4 0.8 4.0
Piedmont regular size, non-filter	\bar{x} s CV	1.53 ± 0.03 0.06 4.2	24.7 ± 0.4 0.9 3.8
Players regular size, non-filter	\bar{x} s CV	2.20 ± 0.06 0.13 6.0	31.8 ± 0.6 1.4 4.3
Raleigh king size, non-filter	\bar{x} s CV	1.46 ± 0.06 0.13 8.6	24.0 ± 0.7 1.6 6.8
Raleigh king size, filter	\bar{x} s CV	1.03 ± 0.02 0.05 4.6	14.9 ± 0.2 0.5 3.6
Raleigh 100 mm. filter	\bar{x} s CV	1.20 ± 0.02 0.06 4.6	16.8 ± 0.4 0.8 4.8
Raleigh Extra Mild king size, filter	\bar{x} s CV	0.92 ± 0.03 0.06 6.9	13.8 ± 0.3 0.7 5.4
St. Moritz 100 mm. filter	\bar{x} s CV	1.20 ± 0.03 0.06 5.0	17.1 ± 0.3 0.7 4.3
St. Moritz 100 mm. filter menthol	\bar{x} s CV	1.24 ± 0.03 0.06 4.6	17.8 ± 0.4 0.8 4.6

<u>BRAND</u>	<u>Puff Count</u>			<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm.</u>
Safari 100 mm. filter	\bar{x}	10.1±0.2		25.4±0.3	3.6±0.1	35
	s	0.4		0.7	0.2	
	CV	3.9		2.6	5.8	
Salem king size, filter menthol (hard pack)	\bar{x}	8.6±0.1		24.3±0.3	4.8±0.2	26
	s	0.3		0.7	0.4	
	CV	3.2		3.0	7.5	
Salem king size, filter menthol (soft pack)	\bar{x}	8.6±0.1		23.6±0.4	4.3±0.2	27-28-29
	s	0.3		0.8	0.4	
	CV	3.5		3.5	10.1	
Salem 100 mm. filter menthol	\bar{x}	10.2±0.2		23.2±0.5	3.1±0.2	34
	s	0.3		1.1	0.4	
	CV	3.3		4.8	13.1	
Salem Extra king size, filter menthol	\bar{x}	8.6±0.1		22.6±0.4	3.9±0.1	28
	s	0.2		0.8	0.3	
	CV	2.6		3.6	8.6	
Sano regular size, non-filter	\bar{x}	7.9±0.1		27.7±0.5	3.9±0.1	23
	s	0.3		1.0	0.3	
	CV	3.5		3.7	7.1	
Silva Thins 100 mm. filter	\bar{x}	8.8±0.1		20.3±0.5	3.5±0.3	33-34
	s	0.3		1.1	0.6	
	CV	3.6		5.4	17.3	
Silva Thins 100 mm. filter menthol	\bar{x}	9.3±0.1		19.8±0.5	3.0±0.2	33-34
	s	0.3		1.2	0.4	
	CV	3.6		5.9	11.9	

<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar" mg/cig.t.</u>
Safari 100 mm. filter	\bar{x}	1.46±0.02	20.3±0.2
	s	0.04	0.5
	CV	2.8	2.5
Salem king size, filter menthol (hard pack)	\bar{x}	1.30±0.01	18.1±0.2
	s	0.03	0.5
	CV	2.4	2.5
Salem king size, filter menthol (soft pack)	\bar{x}	1.31±0.02	18.1±0.2
	s	0.04	0.5
	CV	2.9	3.0
Salem 100 mm. filter menthol	\bar{x}	1.38±0.03	18.7±0.3
	s	0.06	0.7
	CV	4.4	4.0
Salem Extra king size, filter menthol	\bar{x}	1.35±0.02	17.3±0.2
	s	0.04	0.5
	CV	3.2	3.1
Sano regular size, non-filter	\bar{x}	0.80±0.02	22.9±0.4
	s	0.03	0.8
	CV	4.2	3.5
Silva Thins 100 mm. filter	\bar{x}	1.17±0.03	15.6±0.3
	s	0.06	0.6
	CV	5.2	3.9
Silva Thins 100 mm. filter menthol	\bar{x}	1.11±0.02	15.6±0.4
	s	0.05	0.8
	CV	4.5	5.4

<u>BRAND</u>	<u>Puff Count</u>			<u>TPM mg/cigt.</u>	<u>Water in TPM mg/cigt.</u>	<u>Butt Length-mm.</u>
Spring 100's 100 mm. filter menthol	\bar{x}	9.4±0.1		24.3±0.5	3.3±0.2	33
	s	0.2		1.1	0.4	
	CV	2.5		4.4	10.8	
Super M 100 mm. filter menthol	\bar{x}	9.3±0.1		21.1±0.4	3.3±0.2	33-34
	s	0.3		0.9	0.4	
	CV	2.7		4.5	10.8	
Tareyton king size, filter	\bar{x}	9.4±0.2		24.9±0.5	4.6±0.2	27-28
	s	0.4		1.1	0.4	
	CV	3.9		4.2	7.8	
Tareyton 100 mm. filter	\bar{x}	10.7±0.2		24.4±0.3	3.6±0.1	35
	s	0.4		0.8	0.3	
	CV	4.0		3.1	7.3	
Tempo king size, filter	\bar{x}	8.2±0.1		12.6±0.3	1.3±0.1	33
	s	0.3		0.6	0.2	
	CV	3.4		5.1	16.3	
Tramp king size, filter	\bar{x}	9.1±0.2		22.9±0.5	3.7±0.2	29
	s	0.5		1.1	0.4	
	CV	5.2		4.7	11.5	
Tramp king size, filter menthol	\bar{x}	8.1±0.1		20.4±0.3	3.3±0.2	29
	s	0.3		0.6	0.3	
	CV	3.3		2.9	10.4	
True (blue) king size, filter	\bar{x}	7.6±0.2		13.7±0.4	1.8±0.2	32-33-34
	s	0.3		0.9	0.4	
	CV	4.4		6.4	19.6	

<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar"</u> <u>mg/cig.t.</u>
Spring 100's	\bar{x}	1.14±0.02	19.8±0.3
100 mm.	s	0.05	0.7
filter menthol	CV	4.4	3.7
Super M	\bar{x}	1.21±0.02	16.6±0.4
100 mm.	s	0.05	0.8
filter menthol	CV	3.8	4.8
Tareyton	\bar{x}	1.30±0.03	19.0±0.3
king size,	s	0.06	0.8
filter	CV	4.3	4.0
Tareyton	\bar{x}	1.39±0.02	19.4±0.3
100 mm.	s	0.05	0.6
filter	CV	3.8	3.1
Tempo	\bar{x}	0.77±0.02	10.5±0.2
king size,	s	0.04	0.5
filter	CV	5.1	4.9
Tramp	\bar{x}	1.24±0.03	17.9±0.3
king size,	s	0.06	0.7
filter	CV	4.9	4.0
Tramp	\bar{x}	0.92±0.02	16.2±0.2
king size,	s	0.04	0.5
filter menthol	CV	3.9	3.2
True (blue)	\bar{x}	0.67±0.02	11.2±0.3
king size,	s	0.04	0.6
filter	CV	5.6	5.5

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm.</u>
True (green) king size, filter menthol	\bar{x}	7.6±0.1	13.8±0.4	1.7±0.1	32-33-34
	s	0.3	1.0	0.2	
	CV	4.3	7.0	10.4	
True (blue) 100 mm. filter	\bar{x}	9.6±0.2	15.2±0.3	1.8±0.2	35-36
	s	0.4	0.7	0.3	
	CV	3.7	4.8	18.5	
True (green) 100 mm. filter menthol	\bar{x}	9.3±0.2	15.6±0.3	1.9±0.1	35-36
	s	0.4	0.8	0.3	
	CV	3.8	5.0	15.0	
Twist 100 mm. filter lemon/menthol	\bar{x}	9.2±0.1	21.1±0.5	3.3±0.2	33
	s	0.3	1.1	0.5	
	CV	3.0	5.1	14.0	
Vantage king size, filter	\bar{x}	7.8±0.1	13.9±0.3	1.9±0.1	33-34
	s	0.3	0.6	0.2	
	CV	3.9	4.4	9.5	
Vantage king size, filter menthol	\bar{x}	8.1±0.1	13.3±0.3	1.8±0.1	33-34
	s	0.2	0.6	0.2	
	CV	2.6	4.3	10.6	
Viceroy king size, filter	\bar{x}	8.2±0.2	18.8±0.4	2.9±0.2	28-29-30
	s	0.5	1.0	0.4	
	CV	5.7	5.3	12.5	
Viceroy 100 mm. filter	\bar{x}	9.3±0.2	20.7±0.4	2.6±0.1	33-35-36
	s	0.3	0.9	0.3	
	CV	3.7	4.1	9.7	

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<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar"</u>
			<u>mg/cig.t.</u>
True (green) king size, filter menthol	\bar{x} s CV	0.69 ± 0.02 0.05 6.6	11.5 ± 0.4 0.8 6.8
True (blue) 100 mm. filter	\bar{x} s CV	0.78 ± 0.02 0.03 4.4	12.6 ± 0.3 0.6 4.5
True (green) 100 mm. filter menthol	\bar{x} s CV	0.78 ± 0.01 0.03 4.0	12.9 ± 0.2 0.6 4.3
Twist 100 mm. filter lemon/menthol	\bar{x} s CV	1.27 ± 0.03 0.06 4.5	16.6 ± 0.3 0.7 4.0
Vantage king size, filter	\bar{x} s CV	0.78 ± 0.02 0.05 5.9	11.3 ± 0.2 0.5 4.1
Vantage king size, filter menthol	\bar{x} s CV	0.79 ± 0.02 0.04 5.0	10.7 ± 0.2 0.4 4.0
Viceroy king size, filter	\bar{x} s CV	1.02 ± 0.02 0.05 4.7	14.9 ± 0.3 0.7 4.9
Viceroy 100 mm. filter	\bar{x} s CV	1.20 ± 0.02 0.06 4.6	16.9 ± 0.3 0.7 4.1

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cigt.</u>	<u>Water in TPM mg/cigt.</u>	<u>Butt Length-mm.</u>
Viceroy Extra Mild	X	7.4±0.1	16.7±0.4	2.2±0.1	33
king size, filter	S	0.3	0.8	0.2	
	CV	4.2	5.0	10.9	
Virginia Slims	X	8.3±0.1	20.1±0.3	2.9±0.1	35
100 mm. filter	S	0.3	0.6	0.3	
	CV	3.7	2.9	10.1	
Virginia Slims	X	8.3±0.1	20.4±0.3	2.9±0.1	35
100 mm. filter menthol	S	0.3	0.7	0.2	
	CV	3.3	3.4	7.6	
Winchester	X	8.6±0.1	25.6±0.3	4.6±0.1	28
king size, filter	S	0.3	0.8	0.3	
	CV	3.6	3.0	6.7	
Winchester	X	8.5±0.1	22.2±0.5	3.8±0.2	28
king size, filter menthol	S	0.2	1.0	0.5	
	CV	2.9	4.7	12.5	
Winston	X	8.8±0.1	25.0±0.5	4.9±0.2	26
king size, filter	S	0.2	1.1	0.5	
(hard pack)	CV	2.5	4.5	10.4	
Winston	X	9.0±0.2	25.2±0.5	4.6±0.3	28
king size, filter	S	0.4	1.2	0.6	
(soft pack)	CV	3.9	4.8	12.2	
Winston	X	10.0±0.1	23.3±0.4	3.2±0.1	34
100 mm. filter	S	0.3	0.8	0.3	
	CV	2.9	3.4	9.7	

<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar" mg/cig.t.</u>
Viceroy Extra Mild king size, filter	\bar{x}	0.91±0.02	13.6±0.3
	s	0.05	0.7
	CV	5.6	4.9
Virginia Slims 100 mm. filter	\bar{x}	1.06±0.02	16.2±0.2
	s	0.05	0.5
	CV	4.9	2.8
Virginia Slims 100 mm. filter menthol	\bar{x}	1.08±0.02	16.4±0.3
	s	0.04	0.6
	CV	3.6	3.8
Winchester king size, filter	\bar{x}	1.41±0.02	19.5±0.2
	s	0.04	0.5
	CV	3.1	2.8
Winchester king size, filter menthol	\bar{x}	1.32±0.02	17.1±0.3
	s	0.05	0.6
	CV	3.7	3.6
Winston king size, filter (hard pack)	\bar{x}	1.34±0.02	18.8±0.3
	s	0.05	0.7
	CV	3.5	3.7
Winston king size, filter (soft pack)	\bar{x}	1.40±0.03	19.2±0.4
	s	0.06	0.9
	CV	4.0	4.5
Winston 100 mm. filter	\bar{x}	1.36±0.02	18.7±0.2
	s	0.04	0.5
	CV	2.7	2.9

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<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm.</u>
Winston 100 mm. filter menthol	\bar{x}	10.2±0.1	23.4±0.5	3.2±0.2	34
	s	0.3	1.0	0.4	
	CV	3.1	4.4	10.9	
Winston Lights king size, filter	\bar{x}	8.1±0.1	16.7±0.3	2.0±0.1	33
	s	0.3	0.7	0.2	
	CV	3.9	4.2	11.2	
Monitor (R. J. Reynolds) Smoking Machine A	\bar{x}	9.1±0.03	23.0±0.1	4.2±0.05	
	s	0.2	1.0	0.5	
	CV	2.7	4.4	11.6	
Monitor (R. J. Reynolds) Smoking Machine B	\bar{x}	9.0±0.02	23.2±0.1	4.2±0.05	
	s	0.2	1.0	0.5	
	CV	2.6	4.1	10.9	

<u>BRAND</u>		<u>Nicotine mg/cig.t.</u>	<u>F.T.C. "Tar"</u> <u>mg/cig.t.</u>
Winston 100 mm. filter menthol	\bar{x}	1.37±0.03	18.8±0.3
	s	0.06	0.7
	CV	4.2	3.9
Winston Lights king size, filter	\bar{x}	1.02±0.02	13.7±0.3
	s	0.04	0.6
	CV	3.8	4.1
Monitor (R. J. Reynolds) Smoking Machine A	\bar{x}	1.29±0.004	17.6±0.1
	s	0.04	0.6
	CV	3.2	3.6
Monitor (R. J. Reynolds) Smoking Machine B	\bar{x}	1.29±0.004	17.8±0.1
	s	0.04	0.6
	CV	3.0	3.4

PER PUFF DATA

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<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
Alpine king size, filter menthol	\bar{x}	2.08±0.04	0.109±0.002	0.27±0.02	1.70±0.03
	s	0.09	0.005	0.04	0.07
	CV	4.2	4.4	13.2	3.9
Alpine 100 mm. filter menthol	\bar{x}	2.42±0.05	0.115±0.002	0.39±0.02	1.91±0.05
	s	0.12	0.004	0.05	0.11
	CV	4.9	3.3	11.9	5.5
Belair king size, filter menthol	\bar{x}	2.47±0.03	0.145±0.002	0.38±0.01	1.94±0.02
	s	0.07	0.005	0.03	0.04
	CV	2.8	3.6	8.6	2.3
Belair 100 mm. filter menthol	\bar{x}	2.30±0.06	0.139±0.003	0.29±0.02	1.88±0.04
	s	0.13	0.006	0.04	0.09
	CV	5.5	4.2	13.2	5.0
Benson & Hedges regular size, filter	\bar{x}	1.91±0.09	0.093±0.004	0.37±0.03	1.45±0.07
	s	0.21	0.009	0.06	0.15
	CV	10.8	9.4	17.2	10.4
Benson & Hedges king size, filter	\bar{x}	2.46±0.06	0.149±0.003	0.33±0.02	1.98±0.04
	s	0.13	0.007	0.04	0.09
	CV	5.3	4.9	11.6	4.6
Benson & Hedges 100 mm. filter	\bar{x}	2.35±0.04	0.129±0.002	0.28±0.01	1.94±0.04
	s	0.09	0.005	0.03	0.08
	CV	3.7	3.5	9.5	4.1
Benson & Hedges 100 mm. filter menthol	\bar{x}	2.34±0.04	0.130±0.002	0.29±0.01	1.92±0.03
	s	0.09	0.004	0.03	0.07
	CV	3.9	2.8	10.3	3.5

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<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
Bull Durham king size, filter	\bar{x}	3.52±0.06	0.174±0.004	0.64±0.02	2.70±0.04
	s	0.14	0.008	0.05	0.10
	CV	4.1	4.8	8.1	3.6
Camel regular size, non-filter	\bar{x}	3.95±0.07	0.222±0.005	0.57±0.02	3.15±0.06
	s	0.15	0.010	0.04	0.12
	CV	3.8	4.7	6.4	3.9
Camel king size, filter	\bar{x}	2.76±0.04	0.149±0.002	0.50±0.03	2.11±0.02
	s	0.10	0.005	0.06	0.05
	CV	3.6	3.2	11.1	2.5
Carlton 70's regular size, filter	\bar{x}	0.44±0.03	0.032±0.002	0.05±0.01	0.36±0.03
	s	0.06	0.004	0.03	0.06
	CV	14.3	11.0	58.1	16.4
Carlton king size, filter	\bar{x}	0.59±0.03	0.041±0.002	0.06±0.01	0.50±0.03
	s	0.06	0.004	0.02	0.06
	CV	9.8	9.2	44.1	12.9
Carlton king size, filter menthol	\bar{x}	0.54±0.03	0.038±0.002	0.05±0.01	0.46±0.03
	s	0.07	0.004	0.02	0.06
	CV	12.6	11.0	30.9	12.3
Chesterfield regular size, non-filter	\bar{x}	4.15±0.08	0.200±0.004	0.64±0.02	3.31±0.06
	s	0.19	0.009	0.06	0.14
	CV	4.5	4.5	8.8	4.2
Chesterfield king size, non-filter	\bar{x}	3.65±0.09	0.182±0.004	0.51±0.03	2.96±0.06
	s	0.20	0.008	0.07	0.13
	CV	5.5	4.3	13.0	4.5

<u>BRAND</u>	<u>TPM mg/puff</u>			<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar"</u> <u>mg/puff</u>
	<u>X</u>	<u>S</u>	<u>CV</u>			
Chesterfield king size, filter	2.87±0.05 0.10 3.5			0.152±0.003 0.006 4.0	0.55±0.02 0.04 7.6	2.17±0.03 0.08 3.5
Chesterfield king size, filter	2.82±0.06 0.13 4.7			0.142±0.002 0.005 3.8	0.53±0.03 0.06 10.8	2.15±0.04 0.09 4.3
Chesterfield 100 mm. filter	2.53±0.04 0.09 3.5			0.148±0.002 0.004 2.6	0.34±0.02 0.04 10.4	2.03±0.03 0.07 3.3
Domino king size, non-filter	3.42±0.11 0.24 7.0			0.150±0.004 0.010 6.6	0.51±0.02 0.05 10.6	2.76±0.08 0.18 6.7
Domino king size, filter	3.11±0.05 0.12 3.9			0.127±0.004 0.009 7.3	0.62±0.03 0.07 11.6	2.36±0.04 0.09 3.7
Doral king size, filter	1.99±0.07 0.15 7.4			0.118±0.003 0.007 6.1	0.27±0.02 0.03 12.9	1.60±0.05 0.12 7.2
Doral king size, filter menthol	1.85±0.05 0.12 6.6			0.111±0.002 0.005 4.7	0.25±0.02 0.03 13.6	1.48±0.04 0.09 6.1
Du Maurier king size, filter	2.32±0.04 0.08 3.4			0.129±0.002 0.003 2.6	0.36±0.02 0.04 11.0	1.83±0.03 0.06 3.3

<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
English Ovals regular size, non-filter	\bar{x}	3.39±0.09	0.214±0.006	0.42±0.02	2.76±0.06
	s	0.21	0.013	0.06	0.15
	CV	6.1	6.2	13.3	5.3
English Ovals king size, non-filter	\bar{x}	3.28±0.07	0.216±0.006	0.38±0.02	2.69±0.05
	s	0.15	0.013	0.03	0.11
	CV	4.7	5.8	8.9	4.3
Eve 100 mm. filter	\bar{x}	2.54±0.05	0.146±0.003	0.36±0.01	2.04±0.04
	s	0.11	0.006	0.03	0.09
	CV	4.4	4.1	7.7	4.5
Eve 100 mm. filter menthol	\bar{x}	2.43±0.06	0.132±0.003	0.35±0.02	1.94±0.05
	s	0.14	0.008	0.04	0.11
	CV	5.7	5.8	11.0	5.4
Fatima king size, non-filter	\bar{x}	3.57±0.09	0.182±0.003	0.49±0.02	2.90±0.08
	s	0.21	0.008	0.05	0.17
	CV	5.8	4.3	10.2	6.0
Galaxy king size, filter	\bar{x}	2.51±0.08	0.144±0.004	0.35±0.02	2.01±0.07
	s	0.18	0.009	0.04	0.15
	CV	7.1	6.5	10.4	7.2
Half & Half king size, filter	\bar{x}	2.91±0.06	0.167±0.003	0.53±0.03	2.21±0.04
	s	0.13	0.007	0.06	0.08
	CV	4.6	4.3	10.8	3.8
Herbert Tareyton king size, non-filter	\bar{x}	3.65±0.06	0.189±0.002	0.51±0.01	2.95±0.05
	s	0.13	0.005	0.03	0.12
	CV	3.7	2.8	5.8	4.0

<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
Home Run regular size, non-filter	\bar{x}	3.91±0.10	0.263±0.006	0.59±0.04	3.06±0.07
	s	0.23	0.013	0.08	0.17
	CV	5.9	5.0	13.5	5.5
Iceberg 100's 100 mm. filter menthol	\bar{x}	1.28±0.02	0.079±0.001	0.15±0.01	1.05±0.01
	s	0.04	0.003	0.02	0.03
	CV	3.1	3.6	13.1	2.6
Kent king size, filter (hard pack)	\bar{x}	2.55±0.06	0.122±0.002	0.48±0.02	1.95±0.04
	s	0.14	0.005	0.5	0.10
	CV	5.3	4.1	10.0	5.0
Kent king size, filter (soft pack)	\bar{x}	2.43±0.05	0.122±0.002	0.42±0.02	1.89±0.03
	s	0.10	0.004	0.05	0.07
	CV	4.3	3.5	11.3	3.9
Kent 100 mm. filter	\bar{x}	2.34±0.05	0.124±0.002	0.31±0.02	1.91±0.03
	s	0.11	0.004	0.05	0.08
	CV	4.77	3.2	14.6	3.9
Kent 100 mm. filter menthol	\bar{x}	2.38±0.04	0.132±0.002	0.34±0.02	1.92±0.03
	s	0.09	0.004	0.04	0.08
	CV	3.9	3.3	11.1	4.0
King Sano king size, filter	\bar{x}	1.12±0.05	0.035±0.001	0.16±0.02	0.92±0.04
	s	0.12	0.003	0.04	0.09
	CV	10.9	8.4	23.1	9.8
King Sano king size, filter mentol	\bar{x}	1.03±0.05	0.035±0.001	0.13±0.01	0.86±0.04
	s	0.11	0.002	0.03	0.09
	CV	10.6	7.2	19.6	10.3

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<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
Kool regular size, non-filter menthol	\bar{x}	3.70±0.09	0.197±0.004	0.53±0.03	2.98±0.07
	s	0.19	0.009	0.06	0.16
	CV	5.2	4.8	12.3	5.4
Kool king size, filter menthol (hard pack)	\bar{x}	2.76±0.05	0.166±0.002	0.48±0.02	2.12±0.04
	s	0.12	0.005	0.05	0.08
	CV	4.3	3.2	11.4	3.7
Kool king size, filter menthol (soft pack)	\bar{x}	2.60±0.05	0.163±0.003	0.41±0.02	2.03±0.04
	s	0.11	0.008	0.04	0.09
	CV	4.3	4.7	9.4	4.3
Kool 100 mm. filter menthol	\bar{x}	2.35±0.06	0.140±0.003	0.31±0.02	1.90±0.04
	s	0.14	0.006	0.04	0.10
	CV	5.7	4.1	13.2	5.1
Kool Milds king size, filter menthol	\bar{x}	2.27±0.07	0.122±0.004	0.31±0.02	1.83±0.05
	s	0.15	0.008	0.04	0.12
	CV	6.7	6.8	13.6	6.3
L & M king size, filter (hard pack)	\bar{x}	3.11±0.08	0.159±0.003	0.62±0.04	2.33±0.04
	s	0.17	0.007	0.09	0.09
	CV	5.6	4.4	13.8	4.0
L & M king size, filter (soft pack)	\bar{x}	2.80±0.10	0.147±0.004	0.52±0.05	2.13±0.07
	s	0.22	0.008	0.11	0.16
	CV	8.0	5.6	20.8	7.5

<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
L & M 100 mm. filter	\bar{x} s CV	2.58±0.04 0.08 3.3	0.149±0.002 0.005 3.2	0.35±0.02 0.04 10.4	2.08±0.03 0.06 2.9
L & M 100 mm. filter menthol	\bar{x} s CV	2.52±0.06 0.13 5.1	0.140±0.003 0.006 4.5	0.33±0.02 0.03 10.5	2.05±0.05 0.12 5.9
Lark king size, filter	\bar{x} s CV	2.82±0.05 0.11 3.8	0.148±0.003 0.006 4.2	0.49±0.02 0.04 9.1	2.18±0.04 0.08 3.7
Lark 100 mm. filter	\bar{x} s CV	2.64±0.06 0.13 4.8	0.143±0.003 0.006 4.0	0.42±0.01 0.03 7.6	2.08±0.05 0.11 3.7
Lucky Strike regular size, non-filter	\bar{x} s CV	4.2±0.07 0.16 3.8	0.208±0.003 0.006 3.0	0.65±0.04 0.10 14.5	3.38±0.05 0.11 3.2
Lucky Ten king size, filter	\bar{x} s CV	1.64±0.03 0.06 3.4	0.094±0.001 0.003 3.5	0.23±0.01 0.03 13.6	1.31±0.02 0.05 3.7
Lucky 100's 100 mm. filter	\bar{x} s CV	1.32±0.03 0.06 4.6	0.086±0.001 0.003 3.1	0.16±0.01 0.02 9.9	1.08±0.02 0.05 4.7
Mapleton regular size, non-filter	\bar{x} s CV	3.70±0.08 0.18 4.8	0.130±0.003 0.006 4.9	0.57±0.02 0.05 9.2	3.01±0.06 0.14 4.6

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<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
Mapleton king size, filter	\bar{x}	3.03±0.07	0.118±0.005	0.56±0.02	2.36±0.05
	s	0.15	0.011	0.05	0.11
	CV	5.1	8.9	9.7	4.5
Marlboro king size, filter (hard pack)	\bar{x}	2.78±0.05	0.142±0.002	0.51±0.02	2.13±0.04
	s	0.11	0.004	0.04	0.08
	CV	4.1	3.0	8.0	3.9
Marlboro king size, filter (soft pack)	\bar{x}	2.67±0.06	0.138±0.002	0.45±0.02	2.08±0.04
	s	0.12	0.005	0.04	0.09
	CV	4.7	3.3	8.9	4.5
Marlboro king size, filter menthol (hard pack)	\bar{x}	2.19±0.04	0.107±0.002	0.35±0.02	1.74±0.03
	s	0.09	0.004	0.06	0.07
	CV	4.2	3.4	15.9	3.8
Marlboro king size, filter menthol (soft pack)	\bar{x}	2.19±0.05	0.113±0.002	0.31±0.02	1.78±0.04
	s	0.11	0.004	0.04	0.09
	CV	5.0	3.7	11.6	4.8
Marlboro 100 mm. filter (hard pack)	\bar{x}	2.37±0.06	0.131±0.003	0.33±0.02	1.91±0.04
	s	0.12	0.006	0.03	0.09
	CV	5.3	4.8	10.3	4.8
Marlboro 100 mm. filter (soft pack)	\bar{x}	2.31±0.06	0.128±0.002	0.30±0.02	1.89±0.04
	s	0.12	0.005	0.04	0.09
	CV	5.4	3.9	14.7	4.7

<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
Marlboro Lights king size, filter	\bar{x} s CV	2.04±0.05 0.11 5.2	0.117±0.003 0.006 5.3	0.25±0.01 0.03 10.1	1.67±0.04 0.09 5.1
Marvels king size, non-filter	\bar{x} s CV	3.28±0.08 0.18 5.4	0.103±0.002 0.005 4.6	0.49±0.02 0.04 8.7	2.69±0.06 0.14 5.1
Marvels king size, filter	\bar{x} s CV	0.86±0.04 0.09 10.7	0.030±0.001 0.003 9.0	0.11±0.01 0.03 23.5	0.71±0.03 0.07 10.4
Marvels king size, filter menthol	\bar{x} s CV	0.69±0.03 0.08 11.1	0.027±0.001 0.002 9.2	0.09±0.01 0.02 28.2	0.57±0.03 0.07 11.7
Miyako king size, filter	\bar{x} s CV	2.38±0.04 0.10 4.2	0.113±0.002 0.005 4.0	0.48±0.03 0.06 11.9	1.78±0.03 0.07 4.2
Montclair king size, filter menthol	\bar{x} s CV	2.89±0.06 0.14 4.8	0.164±0.003 0.005 3.6	0.58±0.03 0.06 10.0	2.14±0.04 0.09 4.3
More 120 mm. filter	\bar{x} s CV	1.34±0.05 0.11 8.0	0.094±0.003 0.006 6.5	0.15±0.01 0.03 17.9	1.10±0.04 0.08 7.7
More 120 mm. filter menthol	\bar{x} s CV	1.43±0.05 0.11 7.7	0.101±0.003 0.007 7.4	0.16±0.02 0.03 21.4	1.17±0.04 0.08 7.0

<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
Multifilter king size, filter	\bar{x}	1.93±0.05	0.115±0.003	0.23±0.01	1.59±0.04
	s	0.10	0.006	0.02	0.08
	CV	5.2	5.1	8.5	5.1
Multifilter king size, filter menthol	\bar{x}	1.86±0.04	0.107±0.003	0.22±0.01	1.54±0.03
	s	0.10	0.006	0.03	0.08
	CV	5.3	5.6	13.1	4.9
Newport king size, filter menthol (hard pack)	\bar{x}	2.86±0.06	0.150±0.003	0.60±0.03	2.11±0.04
	s	0.13	0.007	0.06	0.08
	CV	4.6	4.4	9.4	3.8
Newport king size, filter menthol (soft pack)	\bar{x}	2.72±0.06	0.149±0.003	0.52±0.03	2.06±0.03
	s	0.13	0.007	0.06	0.07
	CV	4.7	4.6	11.7	3.6
Newport 100 mm. filter menthol	\bar{x}	2.69±0.05	0.156±0.003	0.41±0.01	2.12±0.03
	s	0.11	0.006	0.03	0.08
	CV	4.0	4.1	7.4	3.6
Oasis king size, filter menthol	\bar{x}	2.80±0.06	0.144±0.002	0.52±0.03	2.14±0.04
	s	0.14	0.006	0.06	0.08
	CV	4.9	3.9	12.2	3.9
Old Gold Straights regular size, non-filter	\bar{x}	3.67±0.08	0.182±0.004	0.57±0.03	2.92±0.06
	s	0.18	0.009	0.07	0.13
	CV	5.0	5.2	11.6	4.4
Old Gold Straights king size, non-filter	\bar{x}	3.43±0.08	0.173±0.003	0.49±0.02	2.77±0.05
	s	0.17	0.007	0.06	0.12
	CV	5.0	4.1	11.2	4.3

<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
Old Gold king size filter (hard pack)	\bar{x} s CV	2.93±0.08 0.18 6.0	0.163±0.003 0.008 4.7	0.64±0.03 0.07 10.7	2.13±0.06 0.13 6.0
Old Gold Filter king size, filter (soft pack)	\bar{x} s CV	2.79±0.06 0.14 5.0	0.136±0.003 0.007 5.4	0.54±0.03 0.07 12.4	2.12±0.04 0.09 4.2
Old Gold 100's 100 mm. filter	\bar{x} s CV	2.86±0.04 0.10 3.4	0.151±0.002 0.004 2.9	0.44±0.01 0.03 7.3	2.27±0.03 0.07 3.2
Pall Mall king size, non-filter	\bar{x} s CV	3.51±0.08 0.17 4.8	0.185±0.004 0.008 4.5	0.48±0.02 0.05 11.3	2.85±0.05 0.11 4.0
Pall Mall Extra Mild king size, filter (hard pack)	\bar{x} s CV	1.76±0.05 0.11 6.2	0.100±0.002 0.005 5.1	0.28±0.02 0.03 12.1	1.38±0.04 0.08 6.1
Pall Mall Extra Mild king size, filter (soft pack)	\bar{x} s CV	1.77±0.03 0.07 3.8	0.102±0.001 0.003 2.8	0.26±0.02 0.04 15.9	1.41±0.02 0.05 3.6
Pall Mall 100 mm. filter	\bar{x} s CV	2.38±0.05 0.11 4.7	0.139±0.002 0.004 3.2	0.33±0.01 0.03 8.8	1.91±0.04 0.09 4.7
Pall Mall 100 mm. filter menthol	\bar{x} s CV	2.33±0.04 0.09 4.0	0.152±0.004 0.008 5.5	0.33±0.02 0.04 13.4	1.85±0.03 0.07 4.0

<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
Parliament king size, filter (hard pack)	\bar{x}	2.52±0.07	0.123±0.003	0.39±0.02	2.00±0.05
	s	0.16	0.007	0.05	0.11
	CV	6.2	5.4	12.5	5.5
Parliament king size, filter (soft pack)	\bar{x}	2.46±0.06	0.122±0.002	0.36±0.03	1.97±0.04
	s	0.13	0.005	0.06	0.08
	CV	5.5	4.2	15.6	4.3
Parliament 100's 100 mm. filter	\bar{x}	2.37±0.04	0.125±0.003	0.31±0.01	1.94±0.04
	s	0.10	0.006	0.02	0.09
	CV	4.0	4.7	5.8	4.6
Philip Morris regular size, non-filter	\bar{x}	3.66±0.12	0.176±0.006	0.51±0.03	2.97±0.09
	s	0.27	0.012	0.07	0.20
	CV	7.3	7.0	14.1	6.9
Philip Morris Commander king size,non-filter	\bar{x}	3.49±0.06	0.175±0.003	0.47±0.02	2.85±0.04
	s	0.13	0.008	0.04	0.09
	CV	3.6	4.4	8.3	3.2
Philip Morris International 100 mm filter	\bar{x}	2.35±0.04	0.127±0.002	0.32±0.01	1.89±0.03
	s	0.09	0.004	0.03	0.06
	CV	3.9	2.8	9.8	3.3
Philip Morris International 100 mm. filter menthol	\bar{x}	2.34±0.04	0.122±0.002	0.33±0.01	1.89±0.03
	s	0.09	0.005	0.03	0.07
	CV	3.8	3.9	8.5	3.7

<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
Picayune regular size, non-filter	\bar{x} s CV	3.84±0.10 0.22 5.8	0.254±0.007 0.016 6.4	0.59±0.03 0.07 12.3	3.00±0.07 0.15 5.0
Piedmont regular size, non-filter	\bar{x} s CV	4.20±0.11 0.24 5.7	0.205±0.004 0.010 4.8	0.67±0.04 0.09 12.8	3.32±0.07 0.17 5.0
Players regular size, non-filter	\bar{x} s CV	4.06±0.10 0.22 5.3	0.234±0.005 0.011 4.9	0.45±0.02 0.05 11.5	3.38±0.07 0.16 4.8
Raleigh king size, non-filter	\bar{x} s CV	3.48±0.10 0.21 6.1	0.173±0.005 0.012 6.8	0.45±0.02 0.05 11.5	2.86±0.07 0.16 5.5
Raleigh king size, filter	\bar{x} s CV	2.35±0.06 0.13 5.4	0.129±0.003 0.006 4.9	0.36±0.02 0.04 12.5	1.86±0.04 0.09 5.0
Raleigh 100 mm. filter	\bar{x} s CV	2.20±0.04 0.09 3.9	0.128±0.002 0.003 2.7	0.28±0.01 0.03 9.8	1.80±0.03 0.06 3.5
Raleigh Extra Mild king size, filter	\bar{x} s CV	2.21±0.04 0.09 4.2	0.119±0.003 0.006 5.4	0.30±0.02 0.03 11.7	1.79±0.03 0.07 3.9
St. Moritz 100 mm. filter	\bar{x} s CV	2.32±0.03 0.07 3.0	0.133±0.002 0.004 2.7	0.28±0.01 0.03 11.8	1.91±0.03 0.07 3.5
St. Moritz 100 mm. filter menthol	\bar{x} s CV	2.37±0.04 0.08 3.4	0.136±0.002 0.005 3.7	0.27±0.02 0.04 14.3	1.96±0.03 0.07 3.7

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<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
Safari 100 mm. filter	\bar{x}	2.53±0.04	0.146±0.002	0.36±0.01	2.02±0.04
	s	0.10	0.005	0.02	0.08
	CV	3.8	3.4	5.3	4.0
Salem king size, filter menthol (hard pack)	\bar{x}	2.81±0.06	0.151±0.002	0.56±0.02	2.10±0.04
	s	0.13	0.005	0.05	0.09
	CV	4.6	3.6	8.5	4.3
Salem king size, filter menthol (soft pack)	\bar{x}	2.74±0.05	0.152±0.003	0.49±0.02	2.09±0.03
	s	0.11	0.006	0.05	0.07
	CV	3.9	3.9	10.6	3.2
Salem 100 mm. filter menthol	\bar{x}	2.26±0.04	0.135±0.002	0.30±0.02	1.82±0.03
	s	0.08	0.004	0.03	0.06
	CV	3.6	3.0	11.4	3.4
Salem Extra king size, filter menthol	\bar{x}	2.61±0.05	0.157±0.002	0.45±0.02	2.00±0.03
	s	0.11	0.004	0.04	0.08
	CV	4.1	2.3	8.6	3.9
Sano regular size, non-filter	\bar{x}	3.51±0.06	0.102±0.002	0.50±0.02	2.91±0.05
	s	0.14	0.005	0.04	0.10
	CV	3.9	4.8	7.9	3.5
Silva Thins 100 mm. filter	\bar{x}	2.31±0.04	0.133±0.002	0.40±0.03	1.78±0.02
	s	0.10	0.005	0.06	0.05
	CV	4.3	4.1	16.2	3.1
Silva Thins 100 mm. filter menthol	\bar{x}	2.13±0.05	0.120±0.002	0.33±0.02	1.68±0.04
	s	0.11	0.005	0.04	0.08
	CV	5.3	4.3	11.3	4.9

<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar"</u> <u>mg/puff</u>
Spring 100's 100 mm. filter menthol	\bar{x}	2.59±0.03	0.122±0.002	0.36±0.01	2.11±0.02
	s	0.07	0.004	0.03	0.05
	CV	2.9	3.4	9.2	2.6
Super M 100 mm. filter menthol	\bar{x}	2.27±0.05	0.130±0.002	0.36±0.02	1.78±0.04
	s	0.11	0.005	0.04	0.10
	CV	5.0	3.8	10.1	5.6
Tareyton king size, filter	\bar{x}	2.65±0.05	0.138±0.003	0.49±0.02	2.02±0.03
	s	0.11	0.006	0.04	0.08
	CV	4.2	4.3	7.9	3.9
Tareyton 100 mm. filter	\bar{x}	2.29±0.05	0.130±0.003	0.34±0.01	1.82±0.04
	s	0.10	0.006	0.03	0.08
	CV	4.5	4.5	8.0	4.5
Tempo king size, filter	\bar{x}	1.54±0.03	0.094±0.002	0.16±0.01	1.29±0.03
	s	0.07	0.004	0.02	0.06
	CV	4.3	4.4	15.0	4.5
Tramp king size, filter	\bar{x}	2.52±0.07	0.136±0.003	0.41±0.02	1.97±0.05
	s	0.15	0.006	0.05	0.11
	CV	6.0	4.4	11.8	5.7
Tramp king size, filter menthol	\bar{x}	2.51±0.04	0.114±0.002	0.40±0.02	1.99±0.03
	s	0.09	0.005	0.05	0.06
	CV	3.5	4.7	11.4	3.0
True (blue) king size, filter	\bar{x}	1.80±0.06	0.088±0.003	0.24±0.02	1.47±0.04
	s	0.14	0.006	0.05	0.10
	CV	7.7	6.5	20.6	6.7

<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
True (green) king size, filter menthol	\bar{x} s CV	1.82±0.05 0.12 6.6	0.091±0.002 0.005 5.9	0.22±0.01 0.02 10.5	1.51±0.04 0.10 6.4
True (blue) 100 mm. filter	\bar{x} s CV	1.59±0.04 0.09 5.7	0.082±0.002 0.004 5.1	0.19±0.02 0.04 19.5	1.32±0.03 0.07 5.1
True (green) 100 mm. filter menthol	\bar{x} s CV	1.68±0.05 0.11 6.3	0.084±0.002 0.004 5.0	0.21±0.02 0.03 16.4	1.39±0.03 0.07 5.4
Twist 100 mm. filter lemon/menthol	\bar{x} s CV	2.30±0.06 0.14 6.2	0.138±0.003 0.007 4.9	0.36±0.02 0.05 14.5	1.80±0.04 0.10 5.3
Vantage king size, filter	\bar{x} s CV	1.77±0.03 0.07 3.8	0.100±0.002 0.004 4.4	0.24±0.01 0.02 9.0	1.43±0.02 0.05 3.6
Vantage king size, filter menthol	\bar{x} s CV	1.65±0.03 0.06 3.9	0.097±0.002 0.005 4.7	0.22±0.01 0.02 10.0	1.32±0.02 0.05 3.8
Viceroy king size, filter	\bar{x} s CV	2.28±0.05 0.12 5.2	0.124±0.003 0.006 5.2	0.35±0.02 0.04 11.7	1.80±0.04 0.09 5.2
Viceroy 100 mm. filter	\bar{x} s CV	2.22±0.05 0.12 5.4	0.129±0.002 0.006 4.3	0.28±0.01 0.03 11.2	1.81±0.04 0.09 5.2

<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
Viceroy Extra Mild king size, filter	X S CV	2.27±0.05 0.10 4.5	1.24±0.003 0.006 5.1	0.30±0.01 0.03 10.3	1.85±0.04 0.08 4.5
Virginia Slims 100 mm. filter	X S CV	2.42±0.04 0.08 3.5	0.127±0.002 0.004 3.5	0.35±0.02 0.04 11.1	1.94±0.03 0.06 3.0
Virginia Slims 100 mm. filter menthol	X S CV	2.45±0.04 0.09 3.5	0.130±0.002 0.004 3.0	0.35±0.01 0.03 8.7	1.97±0.03 0.07 3.5
Winchester king size, filter	X S CV	2.98±0.05 0.11 3.9	0.164±0.002 0.006 3.4	0.54±0.02 0.04 7.9	2.27±0.03 0.08 3.4
Winchester king size, filter menthol	X S CV	2.61±0.05 0.10 4.0	0.155±0.002 0.005 3.0	0.44±0.02 0.05 11.4	2.01±0.03 0.07 3.3
Winston king size, filter (hard pack)	X S CV	2.84±0.06 0.13 4.7	0.152±0.003 0.006 4.1	0.56±0.03 0.06 10.6	2.13±0.04 0.08 3.8
Winston king size filter (soft pack)	X S CV	2.80±0.04 0.09 3.4	0.156±0.002 0.005 3.5	0.51±0.02 0.05 9.9	2.13±0.04 0.09 4.1
Winston 100 mm. filter	X S CV	2.34±0.03 0.08 3.2	0.137±0.001 0.003 2.3	0.32±0.01 0.03 8.7	1.88±0.03 0.06 3.3

<u>BRAND</u>		<u>TPM mg/puff</u>	<u>Nicotine mg/puff</u>	<u>Water in TPM mg/puff</u>	<u>F.T.C. "Tar" mg/puff</u>
Winston 100 mm. filter menthol	\bar{x}	2.31±0.05	0.135±0.002	0.32±0.02	1.85±0.03
	s	0.10	0.004	0.03	0.07
	CV	4.4	2.9	10.9	3.9
Winston Lights king size, filter	\bar{x}	2.08±0.04	0.127±0.002	0.25±0.01	1.70±0.03
	s	0.09	0.005	0.03	0.07
	CV	4.2	4.3	10.8	4.2